

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB032919\  
 Data File : FB020466.D  
 Signal(s) : FID2B.CH  
 Acq On : 30 Mar 2019 6:51  
 Sample : K2179-09  
 Misc : 5.02g/5.00ml DI WATER  
 ALS Vial : 38 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB032619.M  
 Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.885       | 4.804        | 4.910      | BV       | 83             | 1457         | 0.32%          | 0.158%        |
| 2         | 4.921       | 4.910        | 4.961      | VV       | 36             | 736          | 0.16%          | 0.080%        |
| 3         | 4.966       | 4.961        | 4.977      | VV       | 23             | 145          | 0.03%          | 0.016%        |
| 4         | 4.989       | 4.977        | 4.998      | VV       | 19             | 109          | 0.02%          | 0.012%        |
| 5         | 5.098       | 4.998        | 5.241      | PV       | 1265           | 71955        | 15.88%         | 7.792%        |
| 6         | 5.246       | 5.241        | 5.282      | VV       | 48             | 819          | 0.18%          | 0.089%        |
| 7         | 5.288       | 5.282        | 5.311      | VV       | 36             | 394          | 0.09%          | 0.043%        |
| 8         | 5.319       | 5.311        | 5.345      | VV       | 26             | 309          | 0.07%          | 0.034%        |
| 9         | 5.363       | 5.345        | 5.417      | VV       | 32             | 474          | 0.10%          | 0.051%        |
| 10        | 5.578       | 5.417        | 5.734      | PV       | 2660           | 164291       | 36.25%         | 17.792%       |
| 11        | 5.742       | 5.734        | 5.751      | VV       | 28             | 204          | 0.05%          | 0.022%        |
| 12        | 5.757       | 5.751        | 5.818      | VV       | 23             | 685          | 0.15%          | 0.074%        |
| 13        | 5.838       | 5.818        | 5.876      | VV       | 32             | 582          | 0.13%          | 0.063%        |
| 14        | 5.887       | 5.876        | 5.904      | PV       | 33             | 239          | 0.05%          | 0.026%        |
| 15        | 5.910       | 5.904        | 5.929      | VV       | 16             | 157          | 0.03%          | 0.017%        |
| 16        | 5.934       | 5.929        | 5.944      | VV       | 19             | 129          | 0.03%          | 0.014%        |
| 17        | 5.953       | 5.944        | 5.965      | VV       | 24             | 178          | 0.04%          | 0.019%        |
| 18        | 5.975       | 5.965        | 6.040      | VV       | 26             | 565          | 0.12%          | 0.061%        |
| 19        | 6.060       | 6.040        | 6.085      | VV       | 25             | 404          | 0.09%          | 0.044%        |
| 20        | 6.089       | 6.085        | 6.101      | VV       | 28             | 188          | 0.04%          | 0.020%        |
| 21        | 6.134       | 6.101        | 6.159      | VV       | 33             | 410          | 0.09%          | 0.044%        |
| 22        | 6.207       | 6.159        | 6.226      | PV       | 30             | 592          | 0.13%          | 0.064%        |
| 23        | 6.235       | 6.226        | 6.251      | PV       | 24             | 178          | 0.04%          | 0.019%        |
| 24        | 6.262       | 6.251        | 6.287      | VV       | 22             | 273          | 0.06%          | 0.030%        |
| 25        | 6.295       | 6.287        | 6.314      | VV       | 32             | 328          | 0.07%          | 0.036%        |
| 26        | 6.325       | 6.314        | 6.343      | VV       | 35             | 378          | 0.08%          | 0.041%        |
| 27        | 6.351       | 6.343        | 6.368      | VV       | 32             | 353          | 0.08%          | 0.038%        |
| 28        | 6.377       | 6.368        | 6.386      | VV       | 36             | 322          | 0.07%          | 0.035%        |
| 29        | 6.396       | 6.386        | 6.422      | VV       | 38             | 596          | 0.13%          | 0.064%        |
| 30        | 6.431       | 6.422        | 6.441      | VV       | 30             | 277          | 0.06%          | 0.030%        |
| 31        | 6.448       | 6.441        | 6.461      | VV       | 24             | 224          | 0.05%          | 0.024%        |
| 32        | 6.479       | 6.461        | 6.517      | VV       | 34             | 769          | 0.17%          | 0.083%        |
| 33        | 6.555       | 6.517        | 6.563      | VV       | 39             | 838          | 0.18%          | 0.091%        |
| 34        | 6.569       | 6.563        | 6.575      | VV       | 40             | 237          | 0.05%          | 0.026%        |
| 35        | 6.583       | 6.575        | 6.605      | VV       | 49             | 701          | 0.15%          | 0.076%        |
| 36        | 6.613       | 6.605        | 6.626      | VV       | 49             | 522          | 0.12%          | 0.057%        |

|    |       |       |       |    |        |      |       |        |
|----|-------|-------|-------|----|--------|------|-------|--------|
|    |       |       |       |    | rteres |      |       |        |
| 37 | 6.632 | 6.626 | 6.640 | VV | 43     | 291  | 0.06% | 0.032% |
| 38 | 6.651 | 6.640 | 6.704 | VV | 46     | 989  | 0.22% | 0.107% |
| 39 | 6.721 | 6.704 | 6.748 | VV | 30     | 452  | 0.10% | 0.049% |
| 40 | 6.753 | 6.748 | 6.767 | VV | 18     | 143  | 0.03% | 0.016% |
| 41 | 6.774 | 6.767 | 6.794 | VV | 22     | 101  | 0.02% | 0.011% |
| 42 | 6.800 | 6.794 | 6.837 | VV | 20     | 292  | 0.06% | 0.032% |
| 43 | 6.847 | 6.837 | 6.898 | VV | 20     | 554  | 0.12% | 0.060% |
| 44 | 6.907 | 6.898 | 6.928 | VV | 26     | 300  | 0.07% | 0.032% |
| 45 | 6.942 | 6.928 | 6.950 | VV | 28     | 211  | 0.05% | 0.023% |
| 46 | 6.958 | 6.950 | 6.979 | VV | 41     | 338  | 0.07% | 0.037% |
| 47 | 7.007 | 6.979 | 7.029 | VV | 36     | 579  | 0.13% | 0.063% |
| 48 | 7.045 | 7.029 | 7.063 | VV | 26     | 269  | 0.06% | 0.029% |
| 49 | 7.087 | 7.063 | 7.094 | VV | 24     | 261  | 0.06% | 0.028% |
| 50 | 7.107 | 7.094 | 7.115 | VV | 27     | 223  | 0.05% | 0.024% |
| 51 | 7.132 | 7.115 | 7.184 | PV | 24     | 645  | 0.14% | 0.070% |
| 52 | 7.212 | 7.184 | 7.225 | VV | 36     | 476  | 0.10% | 0.051% |
| 53 | 7.248 | 7.225 | 7.278 | VV | 40     | 761  | 0.17% | 0.082% |
| 54 | 7.295 | 7.278 | 7.306 | VV | 24     | 262  | 0.06% | 0.028% |
| 55 | 7.338 | 7.306 | 7.376 | VV | 32     | 788  | 0.17% | 0.085% |
| 56 | 7.389 | 7.376 | 7.402 | VV | 29     | 313  | 0.07% | 0.034% |
| 57 | 7.411 | 7.402 | 7.460 | VV | 33     | 463  | 0.10% | 0.050% |
| 58 | 7.478 | 7.460 | 7.491 | VV | 20     | 231  | 0.05% | 0.025% |
| 59 | 7.517 | 7.491 | 7.525 | VV | 30     | 334  | 0.07% | 0.036% |
| 60 | 7.535 | 7.525 | 7.554 | PV | 27     | 295  | 0.07% | 0.032% |
| 61 | 7.564 | 7.554 | 7.575 | PV | 28     | 231  | 0.05% | 0.025% |
| 62 | 7.585 | 7.575 | 7.600 | VV | 41     | 426  | 0.09% | 0.046% |
| 63 | 7.611 | 7.600 | 7.638 | VV | 52     | 840  | 0.19% | 0.091% |
| 64 | 7.647 | 7.638 | 7.659 | VV | 52     | 507  | 0.11% | 0.055% |
| 65 | 7.668 | 7.659 | 7.676 | VV | 47     | 388  | 0.09% | 0.042% |
| 66 | 7.688 | 7.676 | 7.697 | VV | 41     | 460  | 0.10% | 0.050% |
| 67 | 7.704 | 7.697 | 7.730 | VV | 39     | 528  | 0.12% | 0.057% |
| 68 | 7.742 | 7.730 | 7.754 | VV | 30     | 285  | 0.06% | 0.031% |
| 69 | 7.762 | 7.754 | 7.788 | VV | 34     | 367  | 0.08% | 0.040% |
| 70 | 7.796 | 7.788 | 7.816 | VV | 31     | 338  | 0.07% | 0.037% |
| 71 | 7.822 | 7.816 | 7.831 | VV | 37     | 184  | 0.04% | 0.020% |
| 72 | 7.839 | 7.831 | 7.860 | VV | 18     | 248  | 0.05% | 0.027% |
| 73 | 7.879 | 7.860 | 7.903 | VV | 32     | 523  | 0.12% | 0.057% |
| 74 | 7.920 | 7.903 | 7.933 | PV | 24     | 310  | 0.07% | 0.034% |
| 75 | 7.980 | 7.933 | 7.998 | VV | 35     | 946  | 0.21% | 0.102% |
| 76 | 8.018 | 7.998 | 8.085 | VV | 32     | 1031 | 0.23% | 0.112% |
| 77 | 8.110 | 8.085 | 8.144 | VV | 44     | 916  | 0.20% | 0.099% |
| 78 | 8.156 | 8.144 | 8.183 | VV | 36     | 614  | 0.14% | 0.067% |
| 79 | 8.207 | 8.183 | 8.250 | VV | 25     | 762  | 0.17% | 0.082% |
| 80 | 8.264 | 8.250 | 8.279 | VV | 29     | 329  | 0.07% | 0.036% |
| 81 | 8.318 | 8.279 | 8.412 | VV | 33     | 1431 | 0.32% | 0.155% |
| 82 | 8.462 | 8.412 | 8.475 | VV | 24     | 650  | 0.14% | 0.070% |
| 83 | 8.490 | 8.475 | 8.503 | VV | 35     | 370  | 0.08% | 0.040% |
| 84 | 8.517 | 8.503 | 8.538 | VV | 36     | 403  | 0.09% | 0.044% |
| 85 | 8.550 | 8.538 | 8.577 | VV | 21     | 359  | 0.08% | 0.039% |
| 86 | 8.591 | 8.577 | 8.612 | VV | 21     | 299  | 0.07% | 0.032% |
| 87 | 8.648 | 8.612 | 8.672 | PV | 32     | 659  | 0.15% | 0.071% |
| 88 | 8.696 | 8.672 | 8.709 | VV | 37     | 582  | 0.13% | 0.063% |
| 89 | 8.732 | 8.709 | 8.745 | VV | 38     | 651  | 0.14% | 0.070% |

|     |        |        |        |    |        |        |         |         |
|-----|--------|--------|--------|----|--------|--------|---------|---------|
|     |        |        |        |    | rteres |        |         |         |
| 90  | 8.759  | 8.745  | 8.781  | VV | 41     | 634    | 0.14%   | 0.069%  |
| 91  | 8.796  | 8.781  | 8.847  | VV | 40     | 1205   | 0.27%   | 0.130%  |
| 92  | 8.860  | 8.847  | 8.889  | VV | 36     | 666    | 0.15%   | 0.072%  |
| 93  | 9.043  | 8.889  | 9.252  | VV | 8193   | 453158 | 100.00% | 49.074% |
| 94  | 9.433  | 9.252  | 9.530  | VV | 223    | 17289  | 3.82%   | 1.872%  |
| 95  | 9.642  | 9.530  | 9.812  | VV | 521    | 41610  | 9.18%   | 4.506%  |
| 96  | 9.820  | 9.812  | 9.848  | VV | 37     | 629    | 0.14%   | 0.068%  |
| 97  | 10.026 | 9.848  | 10.157 | VV | 317    | 24595  | 5.43%   | 2.664%  |
| 98  | 10.168 | 10.157 | 10.227 | VV | 25     | 727    | 0.16%   | 0.079%  |
| 99  | 10.238 | 10.227 | 10.285 | VV | 17     | 422    | 0.09%   | 0.046%  |
| 100 | 10.306 | 10.285 | 10.371 | VV | 33     | 961    | 0.21%   | 0.104%  |
| 101 | 10.392 | 10.371 | 10.456 | VV | 28     | 708    | 0.16%   | 0.077%  |
| 102 | 10.627 | 10.456 | 10.740 | VV | 79     | 7915   | 1.75%   | 0.857%  |
| 103 | 10.755 | 10.740 | 10.769 | VV | 39     | 643    | 0.14%   | 0.070%  |
| 104 | 10.779 | 10.769 | 10.828 | VV | 45     | 1170   | 0.26%   | 0.127%  |
| 105 | 10.913 | 10.828 | 10.986 | VV | 83     | 5902   | 1.30%   | 0.639%  |
| 106 | 11.003 | 10.986 | 11.017 | VV | 71     | 1190   | 0.26%   | 0.129%  |
| 107 | 11.030 | 11.017 | 11.144 | VV | 68     | 3966   | 0.88%   | 0.430%  |
| 108 | 11.161 | 11.144 | 11.216 | VV | 40     | 1015   | 0.22%   | 0.110%  |
| 109 | 11.243 | 11.216 | 11.265 | VV | 41     | 541    | 0.12%   | 0.059%  |
| 110 | 11.277 | 11.265 | 11.295 | VV | 14     | 286    | 0.06%   | 0.031%  |
| 111 | 11.307 | 11.295 | 11.353 | VV | 23     | 508    | 0.11%   | 0.055%  |
| 112 | 11.415 | 11.353 | 11.440 | VV | 40     | 1092   | 0.24%   | 0.118%  |
| 113 | 11.455 | 11.440 | 11.551 | VV | 32     | 1280   | 0.28%   | 0.139%  |
| 114 | 11.563 | 11.551 | 11.587 | VV | 20     | 391    | 0.09%   | 0.042%  |
| 115 | 11.691 | 11.587 | 11.774 | VV | 49     | 2976   | 0.66%   | 0.322%  |
| 116 | 11.810 | 11.774 | 11.879 | VV | 43     | 1288   | 0.28%   | 0.139%  |
| 117 | 11.892 | 11.879 | 11.916 | VV | 31     | 428    | 0.09%   | 0.046%  |
| 118 | 12.037 | 11.916 | 12.097 | VV | 53     | 2877   | 0.63%   | 0.312%  |
| 119 | 12.111 | 12.097 | 12.130 | VV | 35     | 582    | 0.13%   | 0.063%  |
| 120 | 12.172 | 12.130 | 12.202 | VV | 51     | 1391   | 0.31%   | 0.151%  |
| 121 | 12.211 | 12.202 | 12.242 | VV | 39     | 466    | 0.10%   | 0.050%  |
| 122 | 12.378 | 12.242 | 12.392 | VV | 79     | 2621   | 0.58%   | 0.284%  |
| 123 | 12.410 | 12.392 | 12.494 | VV | 76     | 3214   | 0.71%   | 0.348%  |
| 124 | 12.509 | 12.494 | 12.526 | VV | 58     | 1010   | 0.22%   | 0.109%  |
| 125 | 12.616 | 12.526 | 12.712 | VV | 96     | 6720   | 1.48%   | 0.728%  |
| 126 | 12.726 | 12.712 | 12.832 | VV | 20     | 978    | 0.22%   | 0.106%  |
| 127 | 12.844 | 12.832 | 12.865 | VV | 24     | 240    | 0.05%   | 0.026%  |
| 128 | 12.879 | 12.865 | 12.897 | VV | 21     | 288    | 0.06%   | 0.031%  |
| 129 | 12.914 | 12.897 | 12.958 | VV | 22     | 550    | 0.12%   | 0.060%  |
| 130 | 13.003 | 12.958 | 13.105 | VV | 47     | 2950   | 0.65%   | 0.320%  |
| 131 | 13.121 | 13.105 | 13.201 | VV | 34     | 839    | 0.19%   | 0.091%  |
| 132 | 13.239 | 13.201 | 13.267 | VV | 29     | 608    | 0.13%   | 0.066%  |
| 133 | 13.333 | 13.267 | 13.374 | VV | 33     | 1400   | 0.31%   | 0.152%  |
| 134 | 13.389 | 13.374 | 13.407 | VV | 28     | 464    | 0.10%   | 0.050%  |
| 135 | 13.451 | 13.407 | 13.558 | VV | 41     | 2410   | 0.53%   | 0.261%  |
| 136 | 13.566 | 13.558 | 13.602 | VV | 41     | 437    | 0.10%   | 0.047%  |
| 137 | 13.634 | 13.602 | 13.676 | PV | 32     | 678    | 0.15%   | 0.073%  |
| 138 | 13.717 | 13.676 | 13.741 | VV | 36     | 586    | 0.13%   | 0.063%  |
| 139 | 13.763 | 13.741 | 13.798 | VV | 28     | 428    | 0.09%   | 0.046%  |
| 140 | 13.817 | 13.798 | 13.909 | VV | 27     | 842    | 0.19%   | 0.091%  |
| 141 | 13.920 | 13.909 | 13.965 | VV | 18     | 481    | 0.11%   | 0.052%  |

|                         |        |        |        |    | rteres |       |        |        |
|-------------------------|--------|--------|--------|----|--------|-------|--------|--------|
| 142                     | 13.982 | 13.965 | 14.031 | VV | 28     | 557   | 0.12%  | 0.060% |
| 143                     | 14.053 | 14.031 | 14.090 | VV | 36     | 629   | 0.14%  | 0.068% |
| 144                     | 14.104 | 14.090 | 14.118 | PV | 19     | 230   | 0.05%  | 0.025% |
| 145                     | 14.161 | 14.118 | 14.288 | VV | 34     | 2505  | 0.55%  | 0.271% |
| 146                     | 14.369 | 14.288 | 14.563 | VV | 108    | 10442 | 2.30%  | 1.131% |
| 147                     | 14.584 | 14.563 | 14.630 | VV | 29     | 720   | 0.16%  | 0.078% |
| 148                     | 14.641 | 14.630 | 14.777 | VV | 36     | 1889  | 0.42%  | 0.205% |
| 149                     | 14.813 | 14.777 | 14.830 | VV | 28     | 553   | 0.12%  | 0.060% |
| 150                     | 14.854 | 14.830 | 14.911 | VV | 29     | 880   | 0.19%  | 0.095% |
| 151                     | 14.966 | 14.911 | 15.011 | PV | 28     | 838   | 0.18%  | 0.091% |
| 152                     | 15.024 | 15.011 | 15.106 | VV | 38     | 719   | 0.16%  | 0.078% |
| 153                     | 15.164 | 15.106 | 15.208 | VV | 30     | 772   | 0.17%  | 0.084% |
| 154                     | 15.221 | 15.208 | 15.235 | VV | 26     | 228   | 0.05%  | 0.025% |
| 155                     | 15.313 | 15.235 | 15.467 | VV | 36     | 3191  | 0.70%  | 0.346% |
| 156                     | 15.478 | 15.467 | 15.493 | VV | 14     | 208   | 0.05%  | 0.023% |
| 157                     | 15.509 | 15.493 | 15.527 | PV | 30     | 308   | 0.07%  | 0.033% |
| 158                     | 15.546 | 15.527 | 15.579 | PV | 29     | 442   | 0.10%  | 0.048% |
| 159                     | 15.586 | 15.579 | 15.626 | VV | 29     | 459   | 0.10%  | 0.050% |
| 160                     | 15.715 | 15.626 | 15.732 | VV | 42     | 1462  | 0.32%  | 0.158% |
| 161                     | 15.748 | 15.732 | 15.859 | VV | 52     | 2321  | 0.51%  | 0.251% |
| 162                     | 15.873 | 15.859 | 15.889 | VV | 14     | 239   | 0.05%  | 0.026% |
| 163                     | 15.974 | 15.889 | 16.088 | PV | 33     | 1829  | 0.40%  | 0.198% |
| 164                     | 16.270 | 16.088 | 16.393 | VV | 68     | 4726  | 1.04%  | 0.512% |
| 165                     | 16.515 | 16.393 | 16.531 | PV | 60     | 2645  | 0.58%  | 0.286% |
| 166                     | 16.540 | 16.531 | 16.600 | VV | 71     | 1826  | 0.40%  | 0.198% |
| 167                     | 16.614 | 16.600 | 16.645 | PV | 10     | 321   | 0.07%  | 0.035% |
| Sum of corrected areas: |        |        |        |    |        |       | 923417 |        |

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